

GUIs in the MIDAS Environment

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MIDAS (Munich Image Data Analysis System) is the image processing system developed at ESO for astronomical data reduction. MIDAS is used for off-line data reduction at ESO and many astronomical institutes all over Europe. In addition to a set of general commands, enabling to process and analyze images, catalogs, graphics and tables, MIDAS includes specialized packages dedicated to astronomical applications or to specific ESO instruments.

Several graphical interfaces are available in the MIDAS environment: XHelp provides an interactive help facility, XLong and XEchelle enable data reduction of long-slit and echelle spectra. GUI builders facilitate the development of interfaces. All ESO interfaces comply to the ESO User Interfaces Common Conventions which secures an identical Look and Feel for telescope operations, data analysis and archives.